CLAIMS MARKED UP

1. A method of completion of a well, comprising:

attaching at least one auxiliary conduit or cable to a downhole assembly;

providing a [an upper] connection to said conduit or cable;

running in said downhole assembly with said cable or conduit to a desired location in the well;

tagging into said downhole assembly and said [upper] connection of said conduit or cable downhole on at least one subsequent trip into the well with a tubular having at least one auxiliary cable or conduit extending along its length from the surface;

communicating through said auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

2. The method of claim 1, further comprising:

tagging into said downhole assembly on a subsequent trip with production tubing having at least one auxiliary cable or conduit which is also connectable to said [upper] connection of said cable or conduit on the downhole assembly;

communicating during production through auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

3. The method of claim 1, further comprising:

plugging said [upper] connection during said running in of the downhole assembly and auxiliary cable or conduit;

unplugging said [upper] connection with another trip into the well.

5. The method of claim 4, further comprising:

selectively locking [said connections] any connection resulting from said tagging in.

7. The method of claim 6, further comprising:

using a gravel pack screen and packer for said downhole assembly extending said cable or conduit through said packer to said [upper] connection.

10. The method of claim 9, further comprising:

using said fiber optic to measure [strain] a downhole condition on or about said downhole assembly.

15. The method of claim1, further comprising:

running said auxiliary conduit or cable in a U-shaped path so as to provide a pair of [upper] connections;

extending said U-shaped path to the surface as a result of said tagging, an auxiliary conductor or cable attached to a tubular run in from the surface, into a respective connection [each of said upper connections] on a subsequent trip into the wellbore.

18. The method of claim 17, further comprising:

securely mounting said fiber optic cable to said through to allow real time sensing of a downhole condition [strain] on or about the downhole assembly.

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